

Abstract

A system and method of processing an item at least partially formed of a hydrophilic material to reduce or increase the item's protein affinity. In one example, the system and method prevent or greatly reduce the formation of insoluble ionic materials in or on the item during processing, thereby reducing its affinity for binding with proteinaceous materials. An example application involves reducing the protein affinity of an ocular item such as an intraocular lens or a contact lens, thereby reducing the potential for in-eye or on-eye opacification of the item.